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RRRRRRRR RR RR RR RR RR RR RR RR RR RRRR	EEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE	QQQQQQ QQ QQ QQ QQ QQ QQ QQ QQ QQ QQ QQ					

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*

! This file, BPAFSBDEF.REQ, defines the structure of the FSB.

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Revision History:

! 1-001 - Received from E.S.E., dated 22-NOV-1979 ! 1-002 - Removed the REQUIRE of BPASTRUCT. JBS 02-DEC-1979 ! 1-003 - Add copyright notice. SBL 11-Mar-1980

Define FSB structure

fsb\$fields =

SET

fsb\$l_fsl = [0, L_],
fsb\$a_fsa = [4, L_],
fsb\$b_prot_real = [8, B_],
fsb\$b_file_off = [9, B_],
fsb\$w_position = [10, W_],
fsb\$w_position = [10, W_],
fsb\$v_size = [13, V (0, 24)],
fsb\$w_blklo = [13, W_],
fsb\$w_blklo = [15, B_],
fsb\$w_mode = [16, W_],
fsb\$w_clust = [18, W_],
fsb\$b_dev_unit = [21, B_],
fsb\$b_dev_name1 = [22, B_],
fsb\$b_dev_name2 = [23, B_],

! filespec length
! filespec address
! Prot code is real
! offset to filename
! POSITION option value
! Protection code
! SIZE option value
! LSB of filesize
! MSB of filesize
! MODE option value
! CLUSTERSIZE option value
! unit # is real
! Device unit #
! Device name 1st char
! Device name 2nd char

```
fsb$l_stat_bits = [24, L],
fsb$b_node_off = [28, B],
fsb$b_dev_off = [29, B],
fsb$b_prot_off = [30, B],
fsb$b_swit_off = [31, B],
fsb$w_flag_2 = [32, W],
fsb$v_name_seen = [32, V_ (0)],
fsb$v_name_wild = [32, V_ (1)],
fsb$v_name_ques = [32, V_ (2)],
fsb$v_ext_seen = [32, V_ (3)],
fsb$v_ext_wild = [32, V_ (4)],
fsb$v_ext_ques = [32, V_ (6)],
fsb$v_proj_wild = [32, V_ (6)],
fsb$v_proj_wild = [32, V_ (6)],
fsb$v_proj_wild = [32, V_ (7)],
fsb$v_prot_seen = [32, V_ (10)],
fsb$v_prot_seen = [32, V_ (10)],
fsb$v_coln_seen = [32, V_ (12)],
fsb$v_def_prot = [32, V_ (12)],
fsb$v_log_name = [32, V_ (12)],
fsb$v_log_name = [32, V_ (13)],
fsb$v_flag_1 = [34, W],
fsb$v_log_notr = [32, V_ (13)],
fsb$v_fisi_seen = [34, V_ (2)],
fsb$v_name_1 = [34, V_ (9)],
fsb$v_pos_seen = [34, V_ (1)],
fsb$v_pos_seen = [34, V_
                                                                                                                                                                                                                                                                                  RMS status bits offset to '::'
                                                                                                                                                                                                                                                                                   offset to '<'
offset to '/'
'XRB' flagword 2
                                                                                                                                                                                                                                                                                     filename seen
                                                                                                                                                                                                                                                                                      filename was *
                                                                                                                                                                                                                                                                                     filename contained ?
                                                                                                                                                                                                                                                                                     . seen
                                                                                                                                                                                                                                                                                     ext seen
                                                                                                                                                                                                                                                                                     ext was *
                                                                                                                                                                                                                                                                                     ext contained ?
                                                                                                                                                                                                                                                                                     a numeric ppn was seen
                                                                                                                                                                                                                                                                                     proj was *
                                                                                                                                                                                                                                                                                     prog was *
                                                                                                                                                                                                                                                                                     ot> was seen
                                                                                                                                                                                                                                                                                     default <prot> used
                                                                                                                                                                                                                                                                                     : seen
                                                                                                                                                                                                                                                                                     devicename seen
                                                                                                                                                                                                                                                                                     devicename was logical
                                                                                                                                                                                                                                                                                    logical not xlated 'XRB' flagword 1
                                                                                                                                                                                                                                                                                    /CLU:n specified /RO or /MO:n specified
                                                                                                                                                                                                                                                                                    /FI:n or /SI:n specified
                                                                                                                                                                                                                                                                                     /POS:n specified
                                                                                                                                                                                                                                                                                     filename seen
                                                                                                                                                                                                                                                                                     . seen
                                                                                                                                                                                                                                                                                     numeric ppn seen
                                                                                                                                                                                                                                                                                     ot> seen
                                                                                                                                                                                                                                                                                     : seen
                                                                                                                                                                                                                                                                                     logical devicename seen
                                                                                                                                                                                                                                                                            ! summary of status
                                             TES:
                  fsb$m_size = M_ (0, 24),
fsb$m_name_seen = M_ (0),
fsb$m_name_wild = M_ (1),
fsb$m_name_wild = M_ (1),
fsb$m_name_ques = M_ (2),
fsb$m_dot_seen = M_ (3),
fsb$m_ext_seen = M_ (4),
fsb$m_ext_wild = M_ (5),
fsb$m_ext_ques = M_ (6),
fsb$m_ext_ques = M_ (6),
fsb$m_ppn_seen = M_ (7),
fsb$m_ppn_seen = M_ (7),
fsb$m_proj_wild = M_ (8),
fsb$m_proj_wild = M_ (9),
fsb$m_prot_seen = M_ (10),
fsb$m_def_prot = M_ (11),
fsb$m_def_prot = M_ (11),
fsb$m_dev_seen = M_ (12),
fsb$m_log_name = M_ (14),
fsb$m_log_notr = M_ (15),
fsb$m_cl_seen = M_ (0),
fsb$m_moro_seen = M_ (1),
LITERAL
                                                                                                                                                                                                                                                                                    SIZE field mask
flagword 2 bit masks
                                                                                                                                                                                                                                                                                     ...
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                                                                                                                                                                                                                                                                                      ...
                                                                                                                                                                                                                                                                                     flagword 1 bit masks
```

```
BPAFSBDEF.REQ;1

fsb$m_fisi_seen = M_ (2),
fsb$m_pos_seen = M_ (3),
fsb$m_mo_ronly = M_ (7),
fsb$m_name_1 = M_ (8),
fsb$m_ppn_1 = M_ (10),
fsb$m_ppn_1 = M_ (11),
fsb_m_coln_1 = M_ (12),
fsb$m_log_T = M_ (13),
fsb$m_status = M_ (15),
fsb$k_length = 36;

#ACRO
$fsb_def =
BLOCK [fsb$k_length, BYTE] FIELD (fsb$fields) %;

End of file BPAFSBDEF.REQ
```

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